

ENERCOR  
820 Beneficial Life Tower  
Salt Lake City, Utah 84111  
(801) 533-8333

September 28, 1984

JIM

OCT 15 1984

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OCT 3 1984

DIVISION OF OIL  
GAS & MINING

Mr. Jim Smith  
Division of Oil, Gas and Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

Dear Jim:

This letter will outline and describe the proposed mining activity involving surface disturbance of less than two acres of federal lands by Enercor/Solv-Ex in the removal of tar sand to be tested at the Solv-Ex tar sand pilot plant in Albuquerque, New Mexico.

#### LOCATION

The extraction site is located in Section 30 NW4 NW4 Township 14 South 23 East. The site location shown on the accompanying USGS map was selected with careful consideration for the minimizing of unavoidable surface disturbance. In addition to the mining maps, the project site and its access are also enclosed.

#### MINING METHODS

The extraction of the tar sand material would be accomplished using acceptable mining methods. The existing vegetation, in this case, sagebrush mixed with some grasses, would be cleared to expose the extraction pit and to provide space for a trucking turnaround as well as topsoil and overburden storage areas. The topsoil would be collected and stockpiled separately from the overburden. Upon completion of the extraction program, the overburden would be



replaced and contoured to fit the surrounding area and to avoid serious environmental impact. Following the contouring process, the stockpiled topsoil would be spread. The area would then be reseeded with grasses and native plants as prescribed by the Vernal District BLM Office.

All of the above work can be accomplished using ripper equipped bulldozers, (D-9), front end loader and trucks. Any necessary overburden blasting will be kept to a minimum. There are no water rights to be acquired for this operation. The small amount of water necessary for use in the disturbed area and roadways would be purchased from Geokinetics. Transportation of the material would be by trucks north through Ouray.

#### AREA OF DISTURBANCE

The total area of disturbance would be less than two acres with the amount of material mined in one year less than 100 tons. This material would be shipped to the Solv-Ex pilot plant. Access to the extraction site will be via an existing road on the ridge adjacent Park Ridge (see attached map). The size of the loadout, stockpile and extraction pit would be less than 200 by 200. The stockpile areas would be roughly comparable to the pit area. There would be no construction on site. Two to four people would be on site operating machinery and would commute to the site daily.

#### PRESENT USE

The land involved in this extraction project is subject to and used for oil and gas exploration and development activities as well as livestock grazing. Upon approval of this extraction plan, Enercor/Solv-Ex would notify the holders of the current grazing leases covering this land of the extent and nature of our proposed activities.



## KNOWN STUDIES

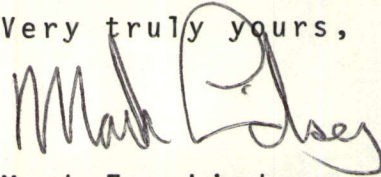
We are unaware of any references, reports or studies dealing with the archaeology, wildlife or natural vegetation in the area to be disturbed.

We are scheduling contractors to begin operations the week of October 8th, 1984, the first phase would be to drill 2 1/2 inch rotary holes in the pit area to determine the best area to commence mining. The number of holes would be no more than 10 and would be made by an air driven truck mounted drill. Upon locating a suitable mine site the area would be surveyed and located on a map.

We plan to complete operations in less than two weeks after the mine site has been located, and all mining activities would be completed or shut down during the deer hunting period.

We would appreciate your prompt attention to this matter. If you have any questions or require additional information, please do not hesitate to telephone us.

Very truly yours,

A handwritten signature in dark ink, appearing to read 'Mark F. Lindsey', written in a cursive style.

Mark F. Lindsey,  
Secretary



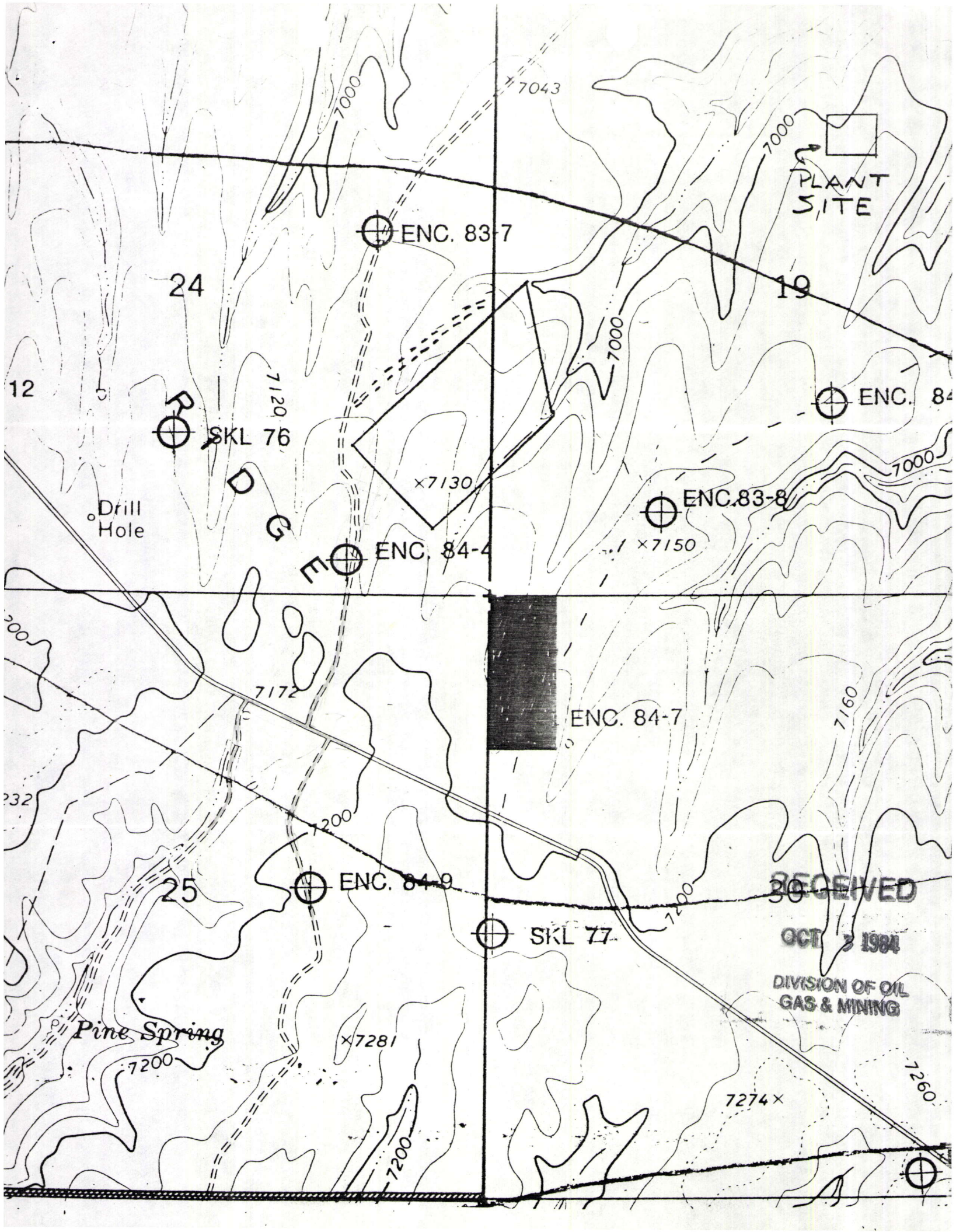
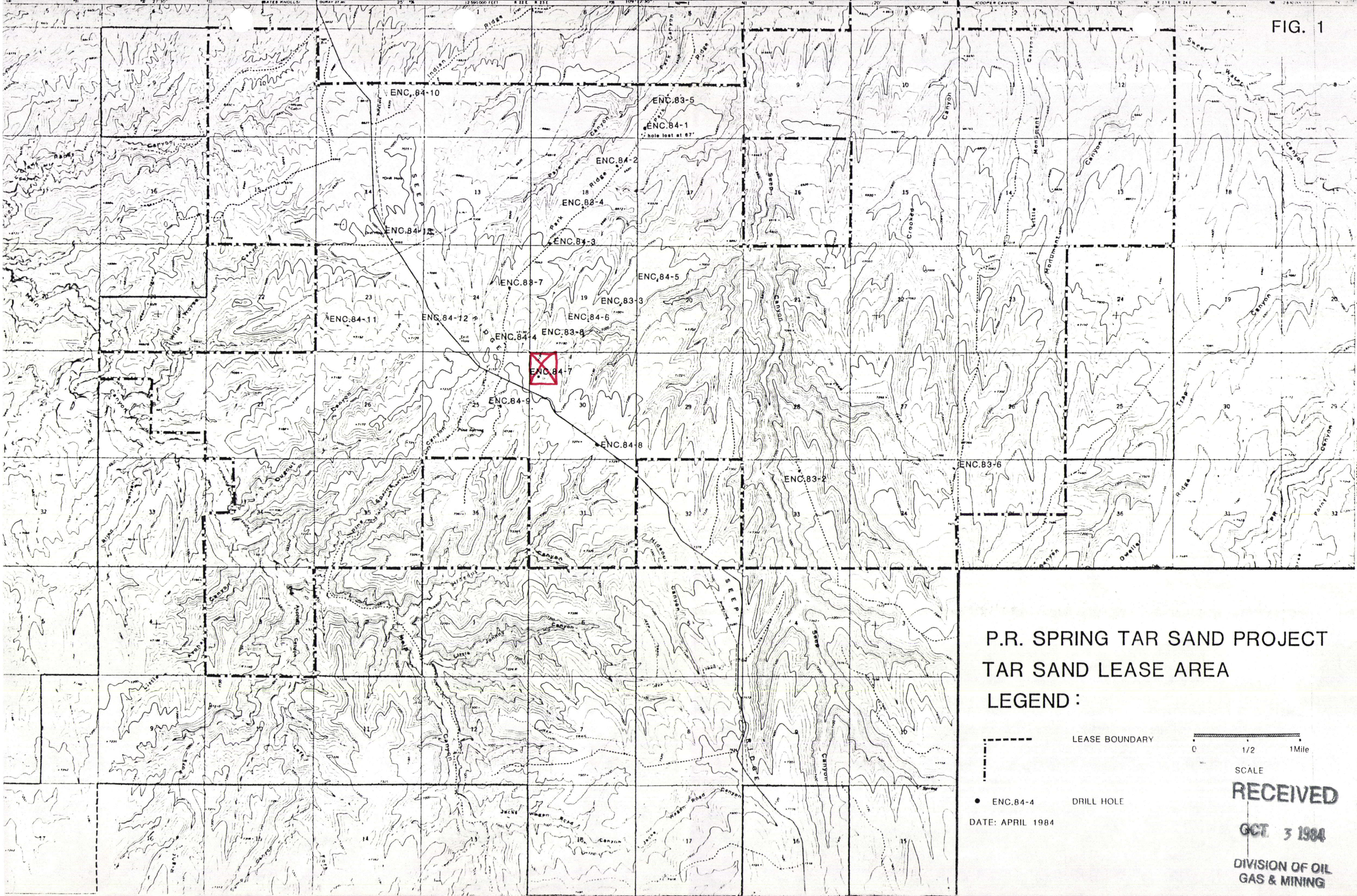




FIG. 1



P.R. SPRING TAR SAND PROJECT  
TAR SAND LEASE AREA  
LEGEND :

- LEASE BOUNDARY
- ENC.84-4 DRILL HOLE
- DATE: APRIL 1984

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SCALE

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